# The Handward Andrew States and St

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Owen A Tobert, FCAE CAMA 2014 Conference Niagara Falls, ON

### • What happened?

## • How did it happen?

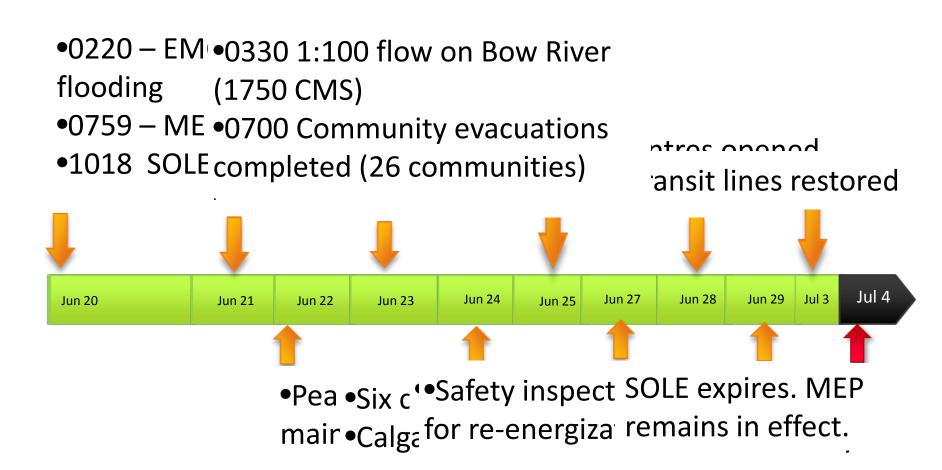
# • What did we learn,...this time?

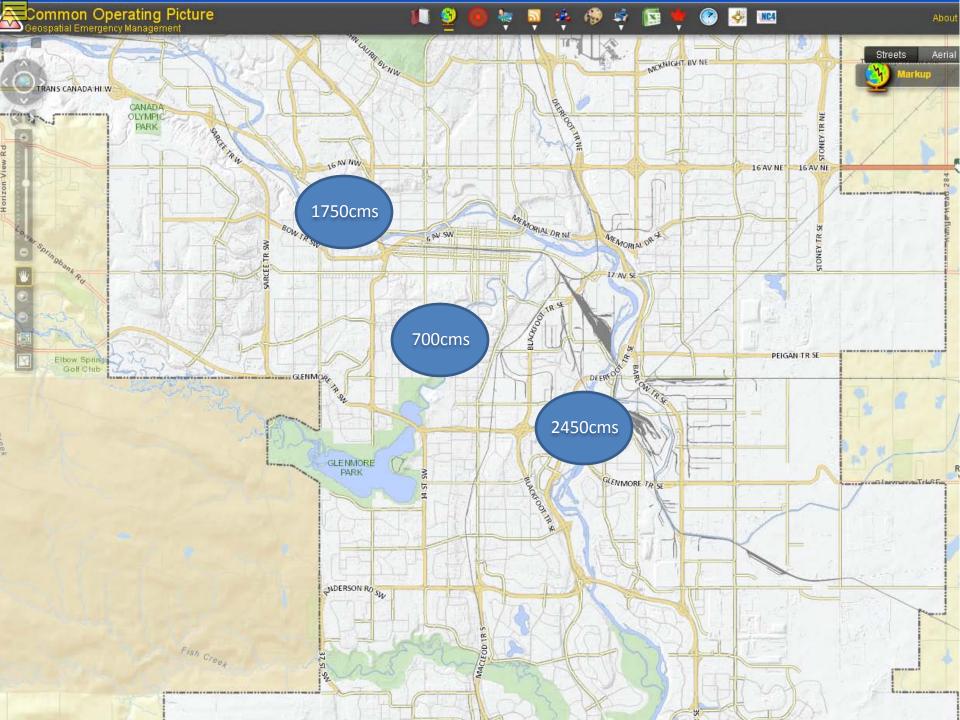
### • What happened?

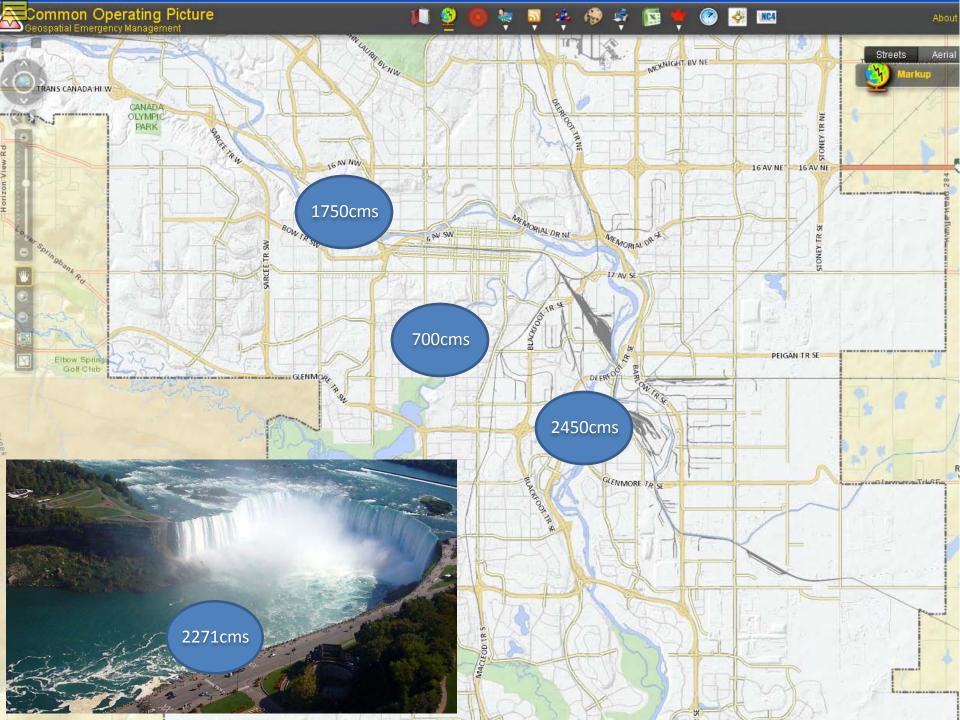
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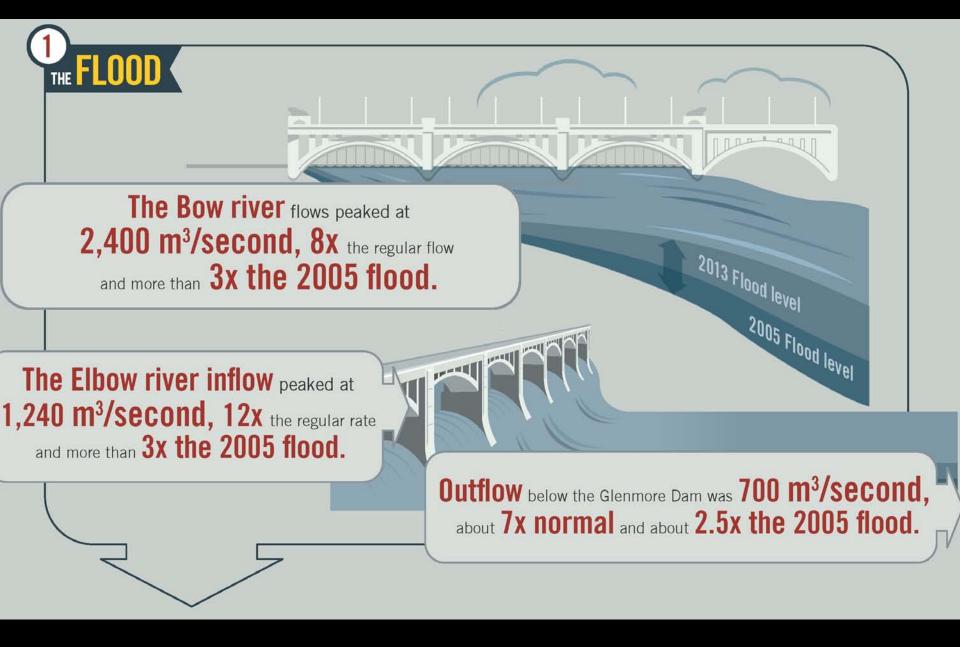


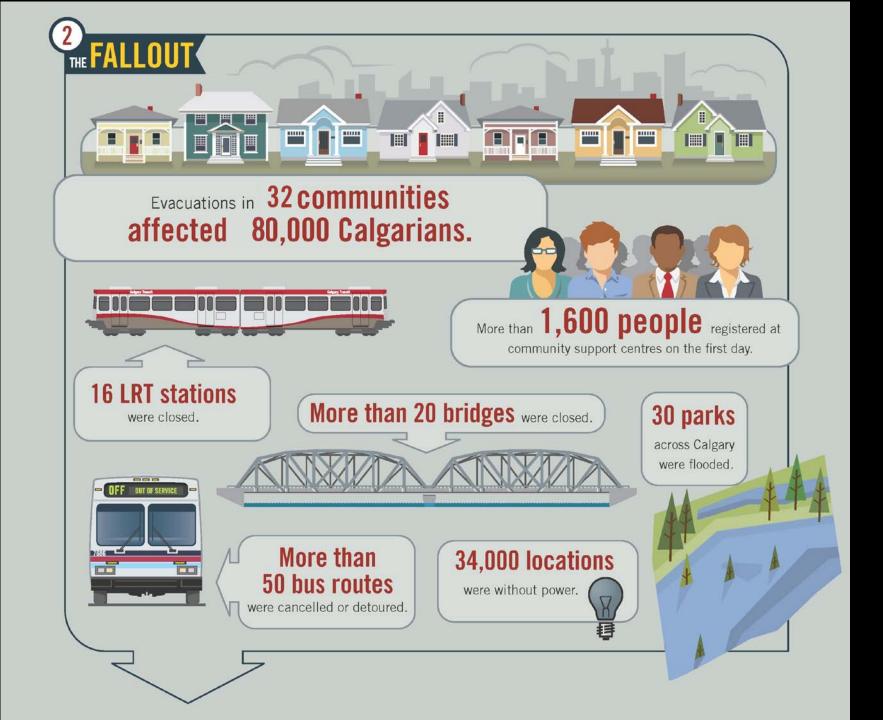
### **EVENT CHRONOLOGY**



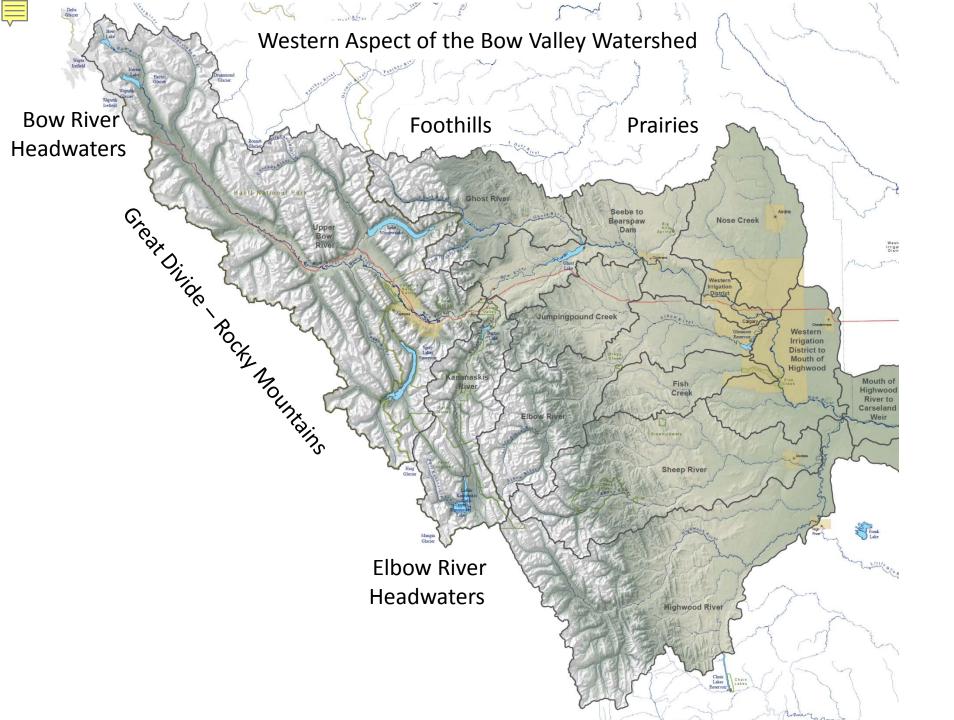




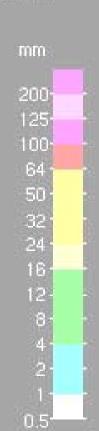




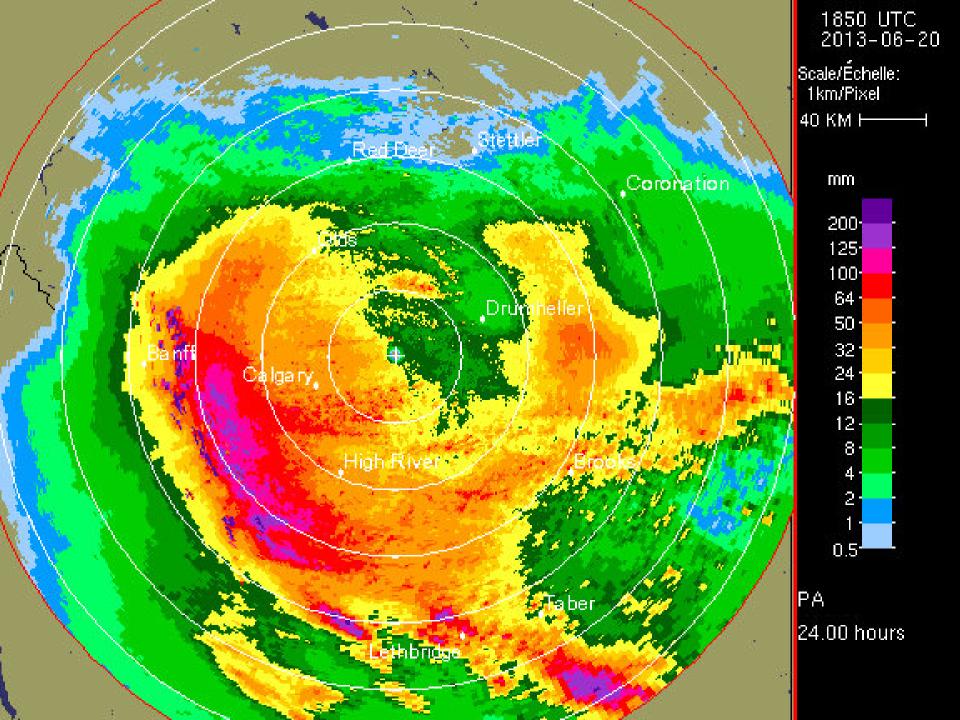
# • How did it happen?

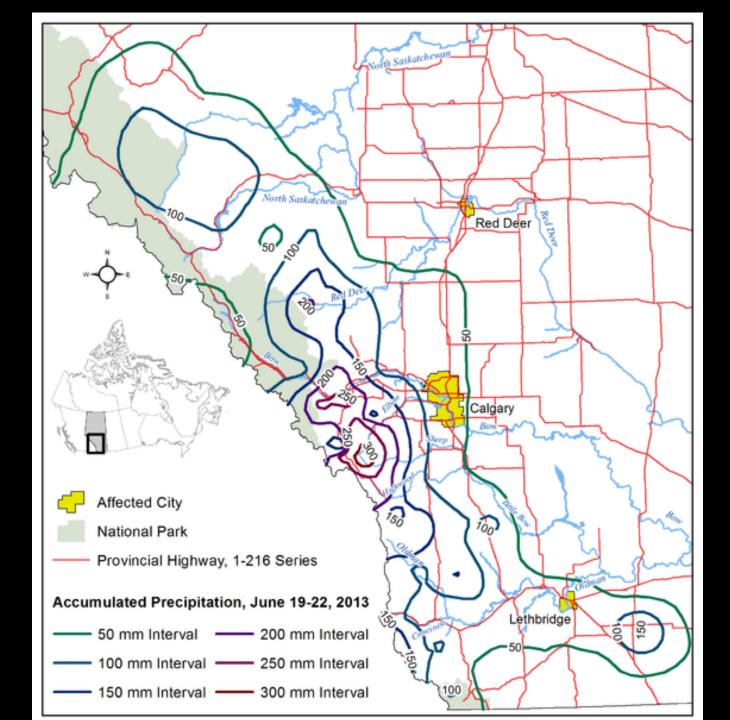


Weather Trifecta: 1. Ground saturated and/or frozen 2. High snow pack and pending warm temperatures 3. Precipitation, rain and/or snow in higher elevation



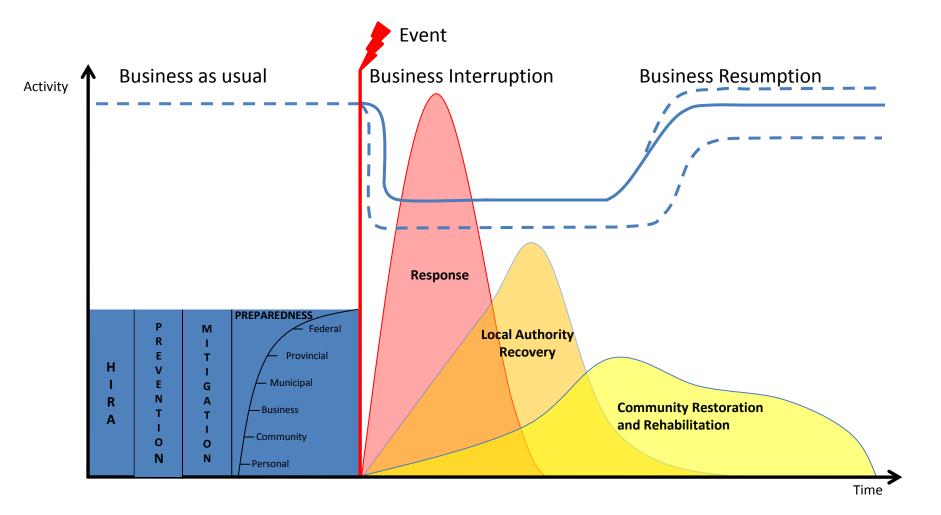
PA 24.00 hours





### • What did we learn

- Implemented learning's from 2005 Flood
  - Built a new EOC model that focused on recovery right away,
  - Built a new emergency operations center, sought funding immediately after the 2005 flood (opened April, 2013)
  - Rigorous EO and RO practice, practice, practice







- Begin planning for recovery DAY 1 of the emergency, including recovery metrics
- Social Media is your friend
  - Mayor primary communicator
  - Heavy use of Twitter
- Changing work methodology
  - "We can no longer afford to work at the speed of Government" LA Fire Capt.
  - Safely, quickly
  - Not policy and procedure driven



- Engage Volunteers early and productively
  - Because of the limited area of flood impact, considerable segments of community had capacity and willingness to assist others recover
- Ongoing challenge encourage community members to take steps to increase their ability to protect and take of themselves and others without municipal support

- Community has unbelievable capacity for self help, out of 80,000 people evacuated, less than 2,000 needed overnight accommodation
- Volunteers
  - Don't try to keep them out
  - Facilitate their success
  - Facilitate tools, transportation, PPE
  - Link to Inspiring Strong Neighbourhoods?
- Focus on recovery, recovery, recovery

















the calgary zoo after the flood... man, i hope everyone is safe, especially the animals. pic.twitter.com/2TvbIrTnOl

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"THANKS EVERYBODY FOR ALL THE HELP. I'M GOOD NOW

